DOCUMENT RESUME

ED 465 601 SE 066 299

AUTHOR Smith, Frank
TITLE The Glass Wall: Why Mathematics Can Seem Difficult.
ISBN ISBN-0-8077-4241-4
PUB DATE 2002-00-00
NOTE 166p.
AVAILABLE FROM Teachers College Press, P.O. Box 20, Williston, VT 05495-0020 (paperback: ISBN-0-8077-4241-4, $19.95; hardback: ISBN-08077-4242-2, $44). Tel: 800-575-6566 (Toll Free); Fax: 802-864-7626; Web site: http://www.teacherscollegepress.com.
PUB TYPE Books (010) -- Reports - Research (143)
EDRS PRICE Document Not Available from EDRS.
DESCRIPTORS Cognitive Psychology; Cognitive Structures; Elementary Secondary Education; Higher Education; Knowledge Representation; Learning Strategies; Learning Theories; *Mathematics; Mathematics History; Mathematics Instruction; Mathematics Skills; *Numeracy

ABSTRACT

This book explores what makes mathematics possible as well as what makes mathematics difficult. Included is a discussion of the definition of mathematics, mathematics in language, the meaning of numbers, calculating and measuring, notation, numbers in space, and the best ways to learn mathematics. Historical information and practical examples are interwoven throughout the chapters. (Contains 65 references.) (DDR)

Reproductions supplied by EDRS are the best that can be made
from the original document.